

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: )  
 )  
Matthew S. Taubman )  
 )  
Application No.: NEW )  
 )  
Filed: NEW )  
 )  
TRANSISTOR-BASED INTERFACE )  
CIRCUITRY )

**INFORMATION DISCLOSURE STATEMENT**

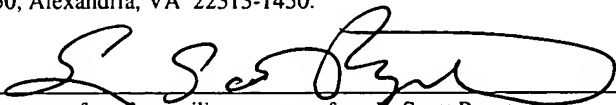
Commissioner for Patents  
Alexandria, VA 22313

Sir:

Pursuant to the duty of disclosure embodied in 37 C.F.R. § 1.56, Applicant wishes to bring to the attention of the Examiner the item of information listed on the enclosed Information Disclosure Citation form. This information has not been previously submitted in this application, and has not been heretofore cited by the Examiner. A copy of the cited item is enclosed in accordance with 37 C. F. R. §1.98.

Express Mail Label No.: EV 394104416 US Date of Deposit: January 13, 2004

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Signature of person mailing paper or fee: L. Scott Paynter

Copies of the listed references with an "\*" adjacent the number are not being provided pursuant to 37 C.F.R. § 1.98(d), because they were previously considered in Information Disclosure Statements already of record to a **Parent Application to which priority is claimed under 35 U.S.C. § 120; Application No. 09/964,953, filed September 27, 2001.** These patents have been identified on an accompanying INFORMATION DISCLOSURE CITATION FORM.

The filing of this Information Disclosure Statement (IDS) shall not be construed as an admission that the information cited is or is considered to be prior art or material to patentability as defined in § 1.56(b).

This Statement is being submitted under 37 CFR 1.97(b) before the occurrence of one or more of the following: (a) receipt of a First Office Action on the merits, (b) passage of three (3) months from the application filing date, or passage of three (3) months from the date of entry of the national stage. Accordingly, it is believed that no fee is due. However, should any fee be required, please charge such fee to Deposit Account No. 23-3030, but not to include any payment of issue fees.

Respectfully submitted:

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Sheet 1 of 4

Application Number	New
Filing Date	13 January 2004
First Named Inventor	Matthew S. Taubman
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	50005-172

## **U.S. PATENT DOCUMENTS**

Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>5</sup> (if known)			
		4,498,001*		Smoot	02/05/85	
		4,882,482*		Smith et al.	11/21/89	
		5,113,151*		Yamamoto et al.	05/12/92	
		5,123,024*		Dowd et al.	06/16/92	
		5,254,957*		Lauffenburger	10/19/93	
		5,304,949*		Chun	04/19/94	
		5,304,793*		Grasset	04/19/94	
		5,432,474*		Lauffenburger et al.	07/11/95	
		5,498,865*		Gaboury et al.	03/12/96	
		5,565,672*		Siegel et al.	10/15/96	
		5,777,517*		Seshita	07/07/98	
		5,864,416*		Williams	01/26/99	
		5,886,374*		Sakamoto et al.	03/23/99	
		6,069,534*		Kobayashi	05/30/00	
		6,122,497*		Gilbert	09/19/00	
		6,054,901*		Nainar et al.	04/25/00	
		6,271,721*		Trask	08/2001	
		6,011,415*		Hahn et al.	01/2000	
		5,304,949*		Chun	04/1994	

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number	Kind Code <sup>5</sup> (if known)				
			JP 11026849*		Shinichi	01/29/1999		
			EP 1 011 193 A1*		ST Microelectronic	06/21/2000		
			DE 1 588 321*		Luetze	11/06/1969		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. <sup>7</sup> In-house version of PTO/SB/08A (10-96).

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<b>INFORMATION DISCLOSURE CITATION</b>  Sheet 2 of 4		Atty. Docket No. 50005-172	Serial No. New
		Applicant Matthew S. Taubman	
		Filing Date New	Group New
		<b>FOREIGN PATENT DOCUMENTS</b>	
*Examiner Initial		PUBLICATION	
	1	Philip C.D. Hobbs, " <u>Photodiode Front Ends</u> ", Optics & Photonics News, April 2001.*	
	2	K.G. Libbrecht, and J.L. Hall, " <u>A low-noise high-speed diode laser current controller</u> ", American Institute of Physics, 1993.	
	3		
	4		
Examiner		Date Considered	
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Sheet

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of

4

Attorney Docket Number

**New**

**13 January 2004**

Filing Date

Matthew S. Taubman

**Unknown**

Examiner Name

## Unknown

Attorney Docket Number

50005-172

## U.S. PATENT DOCUMENTS

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		Number	Kind Code* (if known)			
		4,409,500*		Welland	10/1983	
		4,250,462*		Iwer et al.	02/1981	
		4,097,767*		Blackmer et al.	06/1978	
		3,369,128*		Pearlman	02/1968	
		5,734,293*		Gross	03/1998	
		5,724,170		Aizawa	03/03/98	
		Re: 35,766		Taguchi	04/07/98	
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		4,819,241		Nagano	04/04/89	
		5,646,560		Nguyen	07/08/97	
		5,878,015		Schell, et al.	03/02/99	
		5,936,986		Cantatore, et al.	08/10/99	
		5,970,078		Walker	10/19/99	
		6,028,871		Vaughan, et al.	02/22/00	
		6,069,534		Kobayaski	05/30/00	
		6,091,748		Yasuda	07/18/00	
		6,122,497		Gilbert	09/19/00	
		US Re:37,524		Taguchi	01/22/02	

## FOREIGN PATENT DOCUMENTS

[illegible]

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Substitute for form 1449A/PTO 050005-000172.LSP.259914 <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>		
				Application Number	NEW	
				Filing Date	13 January 2004	
				First Named Inventor	Taubman, Matthew S.	
				Group Art Unit	Unknown	
				Examiner Name	Unknown	
Attorney Docket Number	50005-172					
Sheet	4	of	4			

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US - 6,392,215 B1	05/2002	Baumgartner, et al.	
		US - 6,111,901	08/2000	Taguchi, et al.	
		US - 6,044,095	03/2000	Asano, et al.	
		US - 6,026,104	02/2000	Itou	
		US - 5,848,044	12/1998	Taguchi, et al.	
		US - 5,796,278	08/1998	Osborn, et al.	
		US - 5,736,844	04/1998	Yanagisawa	
		US - 5,596,444	01/1997	Eguchi	
		US - 4,761,661	08/1988	Negishi	
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		US - 6,021,144	02/2000	Meyer, et al.	
		US - 5,463,648	10/1995	Gibbs, David M.	
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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